

## Federation of Earth Science Information Partners Partnership Application

Please complete all sections to the fullest extent possible and forward completed application to: Carol Meyer, [carol.meyer@earthsciencefoundation.org](mailto:carol.meyer@earthsciencefoundation.org). If you have any questions, please contact her at 877.870.3747.

### I. CONTACT INFORMATION

#### A. Primary Contact/Principal Investigator

Name: Susan Heinz

Address: P.O. Box 5343, Hilo, HI 96720-8343

Phone: 808.982.9175

Fax: 808.982.9130

Email: [sheinz@geologics.com](mailto:sheinz@geologics.com)

#### B. Designated Assembly Representative (could be same as above)

Name:

Address:

Phone:

Fax:

Email:

#### C. Other Contacts

Name: Mary Balash-Melrod

Address: 5285 Shawnee Road, Suite 300, Alexandria, VA 22312

Phone: 703.891.6105

Fax: 703.750.4010

Email: [mbalash@geologics.com](mailto:mbalash@geologics.com)

Name: Roberto Lopez-Aparicio

Address: 5285 Shawnee Road, Suite 300, Alexandria, VA 22312

Phone: 703.891.6104

Fax: 703.750.4010

Email: [rla@geologics.com](mailto:rla@geologics.com)

Name:

Address:

Phone:

Fax:

Email:

## **II. ABOUT YOUR ORGANIZATION**

### **A. ORGANIZATION/DIVISION/PROJECT NAME:**

GeoLogics Corporation

### **B. OVERVIEW OF YOUR PRIMARY ACTIVITIES (250 words or less)**

GeoLogics Corporation (<http://www.geologics.com>) produces mission critical solutions and provides technical support in the areas of research and development, engineering, communications, software, and systems development for the aerospace, defense, and telecommunications industries.

Please describe the primary product(s) or service(s) that your organization provides (will provide) to the community. (150 words or less)

GeoLogics operates an environmental group that supports EPA data management, analysis and compliance/enforcement activities. For example, GeoLogics analyzed and integrated spatial data, temporal data, and land use records to determine accuracy of NPDES permit application compliance. GeoLogics also operates a new group developing Customer Relationship Management tools with direct application to ESIP initiatives.

### **C. Please list and briefly describe the primary product(s) or service(s) that your organization provides (will provide) to the community.**

### **D. Please give a main website address for the proposed Partnership:**

Web Address: <http://www.geologics.com/>

### III. HOW YOUR ORGANIZATION WILL BENEFIT FROM/CONTRIBUTE TO THE EARTH SCIENCE INFORMATION PARTNERS (ESIP) FEDERATION

- A. Describe current or anticipated users of your products and services and how you think the Federation can help you better serve this population. (200 words or less)

GeoLogics is developing tools for data management and archive systems, physical/marine oceanography, land use, demographic analysis, remote sensing, natural sciences, and impact/mitigation analysis.

- B. Describe any Earth science technologies that you have developed and are willing to bring to the Federation's efforts to provide best-practices. (200 words or less)

Our data users consists of regulated entities such as industry, farmers, agricultural concerns as well as compliance and regulatory assistance providers including municipalities, states, federal government, and consultants. Membership in the Federation will help us expand our knowledge of available resources and data to enhance the quality of data and analysis provided to our users.

- C. Describe how your proposed membership would contribute to the efforts and the mission of one or more standing committees, working groups and/or clusters. See Page 3 for descriptions of the different activities of the various standing committees, working groups, and clusters. (200 words or less)

GeoLogics is participating in the Integrated Ocean Observing Systems Initiative. GeoLogics software engineers are developing and enhancing Customer Relationship Management (CRM) Tools. GeoLogics is building a department to provide Data Management and Technical Services in the following areas:

Customer Relationship Management (CRM)  
Web Services  
Systems Engineering  
Data Tools and Services  
Software Engineering  
Sustaining Engineering

Our staff has experience supporting a Physical Oceanography Distributed Active Archive Center (PO.DAAC) and provided global oceanographic data from spaceborne instruments, producing higher-level data products. Its main user communities are oceanographic and interdisciplinary scientists, as well as the education community.

- D. Describe your own use of Earth science information and data and how you would see this use enhanced by your partnership in the Federation. (200 words or less)

Our experience in environmental and oceanographic projects will help us contribute to the hydrology cluster. We foresee our involvement in other clusters increasing as our experience and capabilities improve.

### IV. YOUR CHOICE OF MEMBERSHIP TYPE. PLEASE PICK ONE.

ESIP-I (primarily a data archive center)



ESIP-II (primarily a research center)



ESIP-III (primarily applications and education)



ESIP-IV (primarily a sponsoring member)



**V. Any other comments about your proposed membership and its relation to the Federation that you wish to provide.**

**Thank you for your application for partnership in the ESIP Federation.**

## List of Federation Committees and Clusters

### Administrative Committees

*Executive Committee:* Comprised of all standing and administrative committee chairs, ESIP Type Representatives, the President and Vice President of the Federation. Oversight body for most day-to-day activities of the Federation, acts on behalf of the Assembly between meetings.

*Constitution and Bylaws:* Provides counsel on matters related to the constitution and bylaws and other related issues (e.g. amendments to government documents)

*Finance and Appropriations:* Oversees financial resources of the Federation, including the annual budgeting process.

*Partnership:* Reviews and processes all applications for membership before making applications available for review by members of the Federation. Deals with other membership-related issues.

### Standing Committees:

*Commercial Development:* Promotes a forum wherein commercial development of Earth science information can be fostered.

*Community Engagement:* Provides a forum for the Federation to promote partner products and to engage new users for data products and services.

*Education:* Provides a forum to make accessible to educators and learners at all levels in both formal and informal educational contexts the Earth science data, information, tools, and curricula available within the ESIP Federation.

*Information Technology and Interoperability:* Provides a forum for discussing information technology and interoperability issues of the Earth science community and serves as a central point for activities in this realm.

*Products and Services:* Provides a forum for defining best practices and defining requirements for earth science products and services. Currently is involved in developing an inventory of partner products and services.

### Clusters (presently active, April 2005):

GIS

Intelligent Systems

Air Quality